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U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I. HEADING

DATE: January 10, 2002

SUBJECT: **POLREP 35** Industrial Highway/Conservation Chemical Site, Gary, Lake County, IN

FROM: Steve Faryan, OSC, U.S. EPA, Region 5, ERB, RS1, Chicago, IL

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II. BACKGROUND

CERCLA Site No: Z590
CERCLIS ID Number: IND040888992
Delivery Order Number: 3141-25
Response Authority: OPA/CERCLA
OPA ID Number: FPN#: 098022
Account Number: 90
NPL Status: Not on NPL
IDEM Notification: Yes
Start Date: Sept 1998
Completion Date: Pending

III. SITE INFORMATION

A. See POLREP 1-34 for previous U.S. EPA removal actions.

IV. RESPONSE INFORMATION

A. Situation

1. Planned Activities:

Installation of the electrical wiring for the extraction well pumps will continue inside the treatment building. ERRS will continue plumbing inside the water treatment building. ERRS will excavate pipe trench and install piping from water treatment building to the infiltration gallery. Filling of the infiltration gallery with slag will be completed

Results for the soil bench test using fly ash and kiln dust has been received. The 15% lime kiln dust mixture

was successful in reducing TCLP concentrations below 0.5mg/l for lead. The lime kiln dust will be procured from OMNI materials.

The site will be shut down from December 23, 2002, through January 6, 2003 for the holidays.

2. Completed activities:

Friday, December 20, 2002, ERRS completed setting well vaults at extraction wells. Electrical contractor continued installation of wiring and HVAC in water treatment building. ERRS reinstalled pump in extraction well No.4 at the airport. Plumbing work inside water treatment building was started.

Monday, December 23, 2002, ERRS continued working on plumbing inside water treatment building. Electricians continued work on wiring inside water treatment building. ERRS graded on site roads.

Monday, January 6, 2002, electrical contractor continued electrical wiring inside water treatment building. ERRS excavated the pipe trench leading from the water treatment building to the infiltration gallery.

Tuesday, January 7, 2002, ERRS completed excavation of pipe trench from water treatment building to the infiltration gallery. Soil excavated from the pipe trench was consolidated with soil in waste pile. Electrical contractor continued installation of electrical wiring inside the water treatment building.

Wednesday, January 8, 2002, ERRS completed plumbing from water treatment building to the infiltration gallery. Continental continued working on wiring inside the water treatment building.

Thursday, January 9, 2002, ERRS connected pipe from water treatment building to infiltration gallery pipe and backfilled the pipe trench. Electrical contractor continued installing wiring inside and outside the water treatment building.

Friday, January 10, 2003, ERRS completed backfilling infiltration gallery with slag. Site roads were graded and soil around well box number 4 was graded. Chester construction replaced the skirt for the overhead door of the treatment building and painted a portion of the building wall. ERRS continued plumbing inside the treatment building.

3. Enforcement:
Refer to Action Memorandum

B. Next Steps

Lime kiln dust will be utilized to chemically fixate the excavated soil which failed TCLP for lead.

Disposal at Allied Waste has been approved once fixation is completed.

Install pumps in wells, hook up control panel, pumps, switches, sensors and plumbing for the Treatment System.

Fire up the Treatment System, Shakedown and Operation.

C. Key Issues

Once the treatment systems are up and operational, U.S. EPA will operate the collection of oil for 3 years. At that time the Gary Chicago Airport will have to assess whether they will continue operation of the oil collection systems.

V. **COST INFORMATION (estimated as of January 8, 2003)**

A. CERCLA Funding (Conservation Chemical)

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$ 454,526.61	\$ 690,000.00

B. OPA Funding (Industrial Highway)

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$ 1,189,421.34	\$ 1,240,000.00
START	\$ 26,322.90	\$ 41,275.00
Total	\$ 1,215,744.24	\$ 1,281,275.00

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. **Waste Disposal**

No waste has been disposed of as of January 10, 2002

Disposal of treated soil, debris, and personnel protective equipment has been approved at Allied Waste in Newton County, Indiana.